

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	166	(73/64.53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:36
S2	39	(("3622968") or ("3718032") or ("3778757") or ("4342936") or ("4349881") or ("4370662") or ("4391338") or ("4526480") or ("4543829") or ("4721874") or ("4734609") or ("4741200") or ("4779451") or ("4812698") or ("4910523") or ("5179028") or ("5179028") or ("5191791") or ("5201215") or ("5224174") or ("5253530") or ("4782332") or ("4970492") or ("5332961") or ("5434650") or ("5571401") or ("5604441") or ("5777210") or ("5789665") or ("5818731") or ("5915499") or ("6247354") or ("6260408") or ("6306358") or ("6456096") or ("6459995") or ("6519034") or ("6536634")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 15:42
S3	37	((("3710275") or ("4549427") or ("4802370") or ("5334900") or ("5445008") or ("6286363") or ("6466095") or ("6023961") or ("6155098") or ("6535001") or ("5524477") or ("5571952") or ("5435170") or ("5477726") or ("3921622") or ("4145922") or ("4644803") or ("5357964") or ("5375470") or ("5454045") or ("5455475") or ("5469369") or ("5488866") or ("5524636") or ("5653939") or ("5734098") or ("5776359") or ("5852229") or ("5889351") or ("5985356") or ("6044694") or ("6182499") or ("4729237") or ("3902365") or ("4312228") or ("4596697") or ("4760351")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 15:49

## EAST Search History

S4	30	(("4767719") or ("4922745") or ("5283037") or ("5296374") or ("5306644") or ("5533402") or ("5571401") or ("5698089") or ("5705399") or ("5741961") or ("5744902") or ("5770038") or ("5798452") or ("5827952") or ("5959297") or ("6034775") or ("6151123") or ("6157449") or ("6175409") or ("6260407") or ("6265226") or ("6294388") or ("6296771") or ("6336535") or ("6371640") or ("6393895") or ("6401519") or ("3762197") or ("3273377")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 15:54
S5	50	(("4103224") or ("5885849") or ("5792938") or ("6126311") or ("6041642") or ("4535620") or ("6327890") or ("6494079") or ("5338416") or ("5464509") or ("6275137") or ("6311549") or ("6441716") or ("6511915") or ("4862384") or ("6661162") or ("5325704") or ("4361026") or ("3926271") or ("4624129") or ("4696181") or ("6626025") or ("6545392") or ("5918354") or ("5361632") or ("3903732") or ("4602505") or ("6412131") or ("4802384") or ("4904978") or ("5204529") or ("6269686") or ("5670709") or ("4783987") or ("5531091") or ("6176323") or ("5741962") or ("5006845") or ("5622223") or ("5235844") or ("5421190") or ("4890480") or ("6536634") or ("6564126") or ("6640644") or ("6509749") or ("5533402") or ("6407479") or ("5661233")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 16:01
S6	26	("20020064649" "20020162390" "20020162385" "20020074897" "20020121132" "20030000291" "20030041659" "20010010174" "20020068488" "20020070841" "20020137348" "20030124028" "20030116497" "20030118078" "20030119060" "20020178787" "20030041653" "20020178805" "20030213292" "20020194906" "20030179002" "20020064649" "20030083825" "20030113596" "20030145647" "20020148529" "20030041653" "20020092340").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 16:10

## EAST Search History

S7	166	(73/64.53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 16:18
S8	8468	(S2 S3 S4 S5 S6 S7 "7") and (resonator with (cover protective coating barrier layer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 16:21
S9	199	(S2 S3 S4 S5 S6 S7 "7") and (resonator with (cover protective coating barrier layer)) and (tuning near5 fork)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:17
S10	65	S9 and ((measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gauge\$4) near5 (liquid fluid pressure gas viscosity))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:17
S11	828	S8 and ((measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gauge\$4) near5 (liquid fluid pressure gas viscosity))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:16
S12	199	(S2 S3 S4 S5 S6 S7 S8) and (resonator with (cover protective coating barrier layer)) and (tuning near5 fork)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:17
S13	15	(S2 S3 S4 S5 S6 S7) and (resonator with (cover protective coating barrier layer)) and (tuning near5 fork)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/30 17:17

## EAST Search History

S14	185	("20010010174"   "20020064649"   "20020068488"   "20020070841"   "20020074897"   "20020092340"   "20020113596"   "20020121132"   "20020137348"   "20020148529"   "20020162385"   "20020162390"   "20020178787"   "20020178805"   "20020194906"   "20030000291"   "20030041653"   "20030041659"   "20030062910"   "20030083825"   "20030116497"   "20030118078"   "20030119060"   "20030124028"   "20030145647"   "20030179002"   "20030213292"   "20030222656"   "3273377"   "3329004"   "3622968"   "3710275"   "3718032"   "3745384"   "3762197"   "3778757"   "3902365"   "3903732"   "3921622"   "3926271"   "4103224"   "4145922"   "4312228"   "4342936"   "4349881"   "4361026"   "4370662"   "4391338"   "4526480"   "4535620"   "4543829"   "4549427"   "4596697"   "4602505"   "4624129"   "4644803"   "4696181"   "4721874"   "4729237"   "4734609"   "4741200"   "4760351"   "4767719"   "4779451"   "4782332"   "4783987"   "4802370"   "4802384"   "4812698"   "4862384"   "4890480"   "4893496"   "4904978"   "4910523"   "4922745"   "4970492"   "5006845"   "5179028"   "5191791"   "5201215"   "5204529"   "5224174"   "5235844"   "5253530"   "5283037"   "5296374"   "5306644"   "5325704"   "5332961"   "5334900"   "5338416"   "5357964"   "5361632"   "5375470"   "5421190"   "5434650"   "5435170"   "5445008"   "5454045"   "5455475"   "5464509"   "5469369"   "5477726"   "5488866"   "5524477"   "5524636"   "5531091"   "5533402"   "5571401"   "5571952"   "5604441"   "5622223"   "5653939"   "5661233"   "5670709").PN. OR ("5698089"   "5705399"   "5734098"   "5741961"   "5741962"   "5744902"   "5770038"   "5776359"   "5777210"   "5789665"   "5792938"   "5798452"   "5818731"   "5827952"   "5852229"   "5885849"   "5889351"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 17:23
6/1/2006 10:59:00 AM		"5915499"   "5918354"   "5959297" "5985356"   "6023961"   "6024775"   "6041647"   "6044694"			Page 4	

## EAST Search History

S15	3	(S2 S3 S4 S5 S6) not S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 17:24
S16	12	S14 not (S2 S3 S4 S5 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 17:24
S17	14	resonator near4 sensor with liquid with (surface contact area)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 09:36
S18	7	(US-20040250622-\$ or US-20040244487-\$ or US-20010010174-\$).did. or (US-6393895-\$ or US-5644273-\$ or US-5373269-\$ or US-6207470-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/31 09:37
S19	39	((3622968") or ("3718032") or ("3778757") or ("4342936") or ("4349881") or ("4370662") or ("4391338") or ("4526480") or ("4543829") or ("4721874") or ("4734609") or ("4741200") or ("4779451") or ("4812698") or ("4910523") or ("5179028") or ("5179028") or ("5191791") or ("5201215") or ("5224174") or ("5253530") or ("4782332") or ("4970492") or ("5332961") or ("5434650") or ("5571401") or ("5604441") or ("5777210") or ("5789665") or ("5818731") or ("5915499") or ("6247354") or ("6260408") or ("6306358") or ("6456096") or ("6459995") or ("6519034") or ("6536634")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:49

## EAST Search History

S20	37	(("3710275") or ("4549427") or ("4802370") or ("5334900") or ("54445008") or ("6286363") or ("64666095") or ("6023961") or ("6155098") or ("6535001") or ("5524477") or ("5571952") or ("5435170") or ("5477726") or ("3921622") or ("4145922") or ("4644803") or ("5357964") or ("5375470") or ("5454045") or ("5455475") or ("5469369") or ("5488866") or ("5524636") or ("5653939") or ("5734098") or ("5776359") or ("5852229") or ("5889351") or ("5985356") or ("6044694") or ("6182499") or ("4729237") or ("3902365") or ("4312228") or ("4596697") or ("4760351")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:49
S21	30	(("4767719") or ("4922745") or ("5283037") or ("5296374") or ("5306644") or ("5533402") or ("5571401") or ("5698089") or ("5705399") or ("5741961") or ("5744902") or ("5770038") or ("5798452") or ("5827952") or ("5959297") or ("6034775") or ("6151123") or ("6157449") or ("6175409") or ("6260407") or ("6265226") or ("6294388") or ("6296771") or ("6336535") or ("6371640") or ("6393895") or ("6401519") or ("3762197") or ("3273377")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:49

## EAST Search History

S22	50	(("4103224") or ("5885849") or ("5792938") or ("6126311") or ("6041642") or ("4535620") or ("6327890") or ("6494079") or ("5338416") or ("5464509") or ("6275137") or ("6311549") or ("6441716") or ("6511915") or ("4862384") or ("6661162") or ("5325704") or ("4361026") or ("3926271") or ("4624129") or ("4696181") or ("6626025") or ("6545392") or ("5918354") or ("5361632") or ("3903732") or ("4602505") or ("6412131") or ("4802384") or ("4904978") or ("5204529") or ("6269686") or ("5670709") or ("4783987") or ("5531091") or ("6176323") or ("5741962") or ("5006845") or ("5622223") or ("5235844") or ("5421190") or ("4890480") or ("6536634") or ("6564126") or ("6640644") or ("6509749") or ("5533402") or ("6407479") or ("5661233")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:49
S23	26	("20020064649" "20020162390" "20020162385" "20020074897" "20020121132" "20030000291" "20030041659" "20010010174" "20020068488" "20020070841" "20020137348" "20030124028" "20030116497" "20030118078" "20030119060" "20020178787" "20030041653" "20020178805" "20030213292" "20020194906" "20030179002" "20020064649" "20030083825" "20030113596" "20030145647" "20020148529" "20030041653" "20020092340").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 09:49
S24	166	(73/64.53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 09:49
S25	8468	(S19 S20 S21 S22 S23 S24 "7") and (resonator with (cover protective coating barrier layer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 09:49
S26	37	(S19 S20 S21 S22 S23 S24) and (resonator with (cover protective coating barrier layer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:08

## EAST Search History

S27	269	(S19 S20 S21 S22 S23 S24) and (CPU computer controller microprocessor comparator processor chip circuit control adj unit)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:10
S28	87	(S19 S20 S21 S22 S23 S24) and (CPU computer controller microprocessor comparator processor chip circuit control adj unit) and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 10:14
S29	1	"20010022488".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:09
S30	2924	(integrated near2 circuit) same sensor same (protection layer coating encapsulation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:14
S31	1431	(integrated near2 circuit) same sensor same (protection layer coating encapsulation) and (sensor).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:14
S32	824	(integrated near2 circuit) same sensor with (protection layer coating encapsulation) and (sensor).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:14
S33	431	(integrated near2 circuit) same sensor with (protection layer coating encapsulation) and (sensor).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:16
S34	0	(integrated near2 circuit) same sensor with (protection layer coating encapsulation) and (sensor).ab. and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:16
S35	26	(integrated near2 circuit) same sensor with (protection layer coating encapsulation) and (sensor).ab. and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:17
S36	2	(integrated near2 circuit) same sensor with (protect\$5) with (layer coating encapsulat\$5) and sensor and resonator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:20
S37	130	(integrated near2 circuit) same sensor with (protect\$5) with (layer coating encapsulat\$5) and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:20

## EAST Search History

S38	132	(integrated near2 (circuit chip)) same sensor with (protect\$5) with (layer coating encapsulat\$5) and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:23
S39	36	(integrated near2 (circuit chip)) same sensor with (protect\$5) with (layer coating encapsulat\$5) and sensor and (fluid or liquid or gas) with (measure\$6 monitor\$4 detect\$6 determin\$6 calculat\$6 calibrat\$6 sens\$4 test\$4 gauge\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/31 11:57
S40	337	(73/24.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/31 11:58
S41	11	(US-20040250622-\$ or US-20040244487-\$ or US-20010010174-\$).did. or (US-6393895-\$ or US-5644273-\$ or US-5373269-\$ or US-6207470-\$ or US-6494079-\$ or US-6269686-\$ or US-6545392-\$ or US-5918110-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/31 12:31
S42	11	(US-20040250622-\$ or US-20040244487-\$ or US-20010010174-\$).did. or (US-6393895-\$ or US-5644273-\$ or US-5373269-\$ or US-6207470-\$ or US-6494079-\$ or US-6269686-\$ or US-6545392-\$ or US-5918110-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/31 16:33
S43	5	S42 and coating same fork	US-PGPUB; USPAT	OR	ON	2006/05/31 16:02
S44	4	S42 and coating same fork same (polymer or ceramic)	US-PGPUB; USPAT	OR	ON	2006/05/31 16:02
S45	1	S42 and functional	US-PGPUB; USPAT	OR	ON	2006/05/31 16:48
S46	12	"5918354"	US-PGPUB; USPAT	OR	ON	2006/05/31 17:33
S47	0	tuning near3 fork same coat with (polymer ceramic)	US-PGPUB; USPAT	OR	ON	2006/05/31 17:34
S48	7	tuning near3 fork and coat with (polymer ceramic)	US-PGPUB; USPAT	OR	ON	2006/05/31 17:37
S49	165	tuning near3 fork and (coat or layer) with (polymer ceramic)	US-PGPUB; USPAT	OR	ON	2006/05/31 17:37
S50	246	(tuning near3 fork or mechanical near2 resonator) and (coat or layer) with (polymer ceramic)	US-PGPUB; USPAT	OR	ON	2006/06/01 09:10

## EAST Search History

S51	337	(73/24.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/01 09:34
S52	118	(73/61.49).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/01 09:35
S53	135	(73/54.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/01 09:36
S54	148	(73/54.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/01 09:37
S55	137	(73/61.79).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/01 09:37